(c) *Gas-fired peaking units or oil-fired peaking units.* The owner or operator of an affected unit that qualifies as a gas-fired peaking unit or oil-fired peaking unit, as defined in §72.2 of this chapter, based on information submitted by the designated representative in the monitoring plan shall comply with one of the following:

(1) Meet the general operating requirements in §75.10 for a NO_X continuous emission monitoring system; or

(2) Provide information satisfactory to the Administrator using the procedure specified in appendix E of this part for estimating hourly NO_X emission rate. However, if in the years after certification of an excepted monitoring system under appendix E of this part, a unit's operations exceed a capacity factor of 20 percent in any calendar year or exceed a capacity factor of 10.0 percent averaged over three years, the owner or operator shall install, certify, and operate a NO_X continuous emission monitoring system no later than December 31 of the following calendar year.

(d) *Other units.* The owner or operator of an affected unit that combusts wood, refuse, or other material in addition to oil or gas shall comply with the monitoring provisions specified in paragraph (a) of this section.

[58 FR 3701, Jan. 11, 1993, as amended at 60 FR 26520, May 17, 1995]

§75.13 Specific provisions for monitoring CO_2 emissions.

(a) *CO_2 continuous emission monitoring system.* If the owner or operator chooses to use the continuous emission monitoring method, then the owner or operator shall meet the general operating requirements in §75.10 for a CO_2 continuous emission monitoring system and flow monitoring system for each affected unit. The owner or operator shall comply with the applicable provisions specified in §75.11 (a) through (e) or §75.16, except that the phrase ''SO_2 continuous emission monitoring system'' is replaced with ''CO_2 continuous emission monitoring system,'' the term ''maximum potential concentration for SO_2'' is replaced with ''maximum CO_2 concentration,'' and the phrase ''SO_2 mass emissions'' is replaced with ''CO_2 mass emissions.''

(b) *Determination of CO_2 emissions using appendix G of this part.* If the owner or operator chooses to use the appendix G method, then the owner or operator may provide information satisfactory to the Administrator for estimating daily CO_2 mass emissions based on the measured carbon content of the fuel and the amount of fuel combusted. For units with wet flue gas desulfurization systems or other add-on emissions controls generating CO_2, the owner or operator shall use the procedures in appendix G to this part to estimate both combustion-related emissions based on the measured carbon content of the fuel and the amount of fuel combusted and sorbent-related emissions based on the amount of sorbent injected. The owner or operator shall calculate daily, quarterly, and annual CO_2 mass emissions (in tons) in accordance with the procedures in appendix G to this part.

(c) *Determination of CO_2mass emissions using an O_2monitor according to appendix F.* If the owner or operator chooses to use the appendix F method, then the owner or operator may determine hourly CO_2 concentration and mass emissions with a flow monitoring system, a continuous O_2 concentration monitor, fuel F and F_c factors, and where O_2 concentration is measured on a dry basis, hourly corrections for the moisture content of the flue gases, using the methods and procedures specified in appendix F to this part. For units using a common stack, multiple stack, or bypass stack, the owner or operator may use the provisions of §75.16, except that the phrase ''SO_2 continuous emission monitoring system'' is replaced with ''CO_2 continuous emission monitoring system,'' the term ''maximum potential concentration of SO'' is replaced with ''maximum CO_2 concentration,'' and the phrase ''SO_2 mass emissions'' is replaced with ''CO_2 mass emissions.''

[58 FR 3701, Jan. 11, 1993, as amended at 60 FR 26521, May 17, 1995]

§75.14 Specific provisions for monitoring opacity.

(a) *Coal-fired units and oil-fired units.* The owner or operator shall meet the general operating provisions in §75.10 of this part for a continuous opacity monitoring system for each affected

coal-fired or oil-fired unit, except as provided in paragraphs (b), (c), and (d) of this section and in §75.18. Each continuous opacity monitoring system shall meet the design, installation, equipment, and performance specifications in Performance Specification 1 in appendix B to part 60 of this chapter. Any continuous opacity monitoring system previously certified to meet Performance Specification 1 shall be deemed certified for the purposes of this part.

(b) *Unit with wet flue gas pollution control system.* If the owner or operator can demonstrate that condensed water is present in the exhaust flue gas stream and would impede the accuracy of opacity measurements, then the owner or operator of an affected unit equipped with a wet flue gas pollution control system for SO_2 emissions or particulates is exempt from the opacity monitoring requirements of this part.

(c) *Gas-fired units.* The owner or operator of an affected unit that qualifies as gas-fired, as defined in §72.2 of this chapter, based on information submitted by the designated representative in the monitoring plan is exempt from the opacity monitoring requirements of this part. Whenever a unit previously categorized as a gas-fired unit is recategorized as another type of unit by changing its fuel mix, the owner or operator shall install, operate, and certify a continuous opacity monitoring system as required by paragraph (a) of this section by December 31 of the following calendar year.

(d) *Diesel-fired units and dual-fuel reciprocating engine units.* The owner or operator of an affected diesel-fired unit or a dual-fuel reciprocating engine unit is exempt from the opacity monitoring requirements of this part.

[58 FR 3701, Jan. 11, 1993, as amended at 61 FR 25581, May 22, 1996]

§75.15 Specific provisions for monitoring SO_2 emissions removal by qualifying Phase I technology.

(a) *Additional monitoring provisions.* In addition to the SO_2 monitoring requirements in §75.11 or §75.16, for the purposes of adequately monitoring SO_2 emissions removal by qualifying Phase I technology operated pursuant to §72.42 of this chapter, the owner or operator shall, except where specified below, use both an inlet SO_2-diluent continuous emission monitoring system and an outlet SO_2-diluent continuous emission monitoring system, consisting of an SO_2 pollutant concentration monitor and a diluent CO_2 or O_2 monitor. (The outlet SO_2-diluent continuous emission monitoring system may consist of the same SO_2 pollutant concentration monitor that is required under §75.11 or §75.16 for the measurement of SO_2 emissions discharged to the atmosphere and the diluent monitor used as part of the NO_X continuous emission monitoring system that is required under §75.12 or §75.17 for the measurement of NO_X emissions discharged into the atmosphere.) During the period when required to measure emissions removal efficiency, from January 1, 1997 through December 31, 1999, the owner or operator shall meet the general operating requirements in §75.10 for both the inlet and the outlet SO_2-diluent continuous emission monitoring systems, and in addition, the owner or operator shall comply with the monitoring provisions in this section. On January 1, 2000, the owner or operator may cease operating and/or reporting on the inlet SO_2-diluent continuous emission monitoring system results for the purposes of the Acid Rain Program.

(1) *Pre-combustion technology.* The owner or operator of an affected unit for which a precombustion technology has been employed for the purpose of meeting qualifying Phase I technology requirements shall use sections 4 and 5 of method 19 in appendix A of part 60 of this chapter to estimate, daily, for the purposes of this part, the percentage SO_2 removal efficiency from such technology, and shall substitute the following ASTM methods for sampling, preparation, and analysis of coal for those cited in method 19: ASTM D2234–89, Standard Test Method for Collection of a Gross Sample of Coal (Type I, Conditions A, B, or C and systematic spacing), ASTM D2013–86, Standard Method of Preparing Coal Samples for Analysis, ASTM D2015–91, Standard Test Method for Gross Calorific Value of Coal and Coke by the Adiabatic Calorimeter, and ASTM D3177–89, Standard